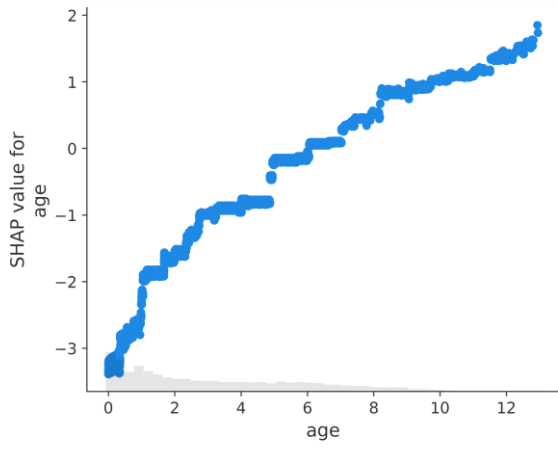
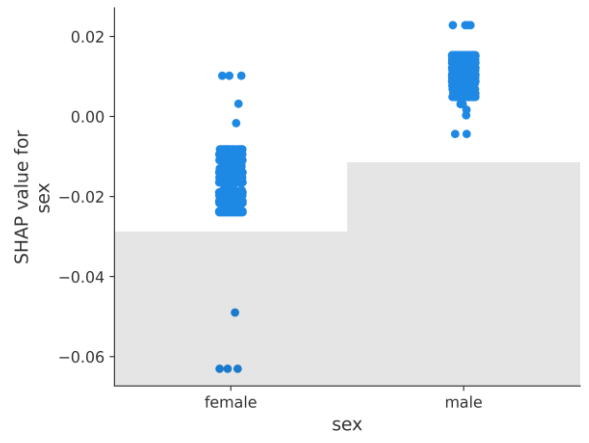


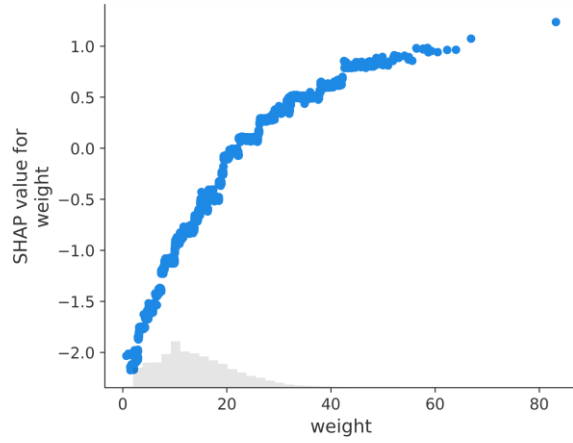
(A)



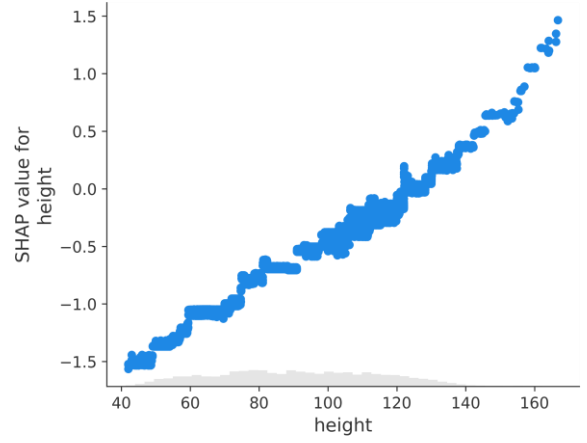
(B)



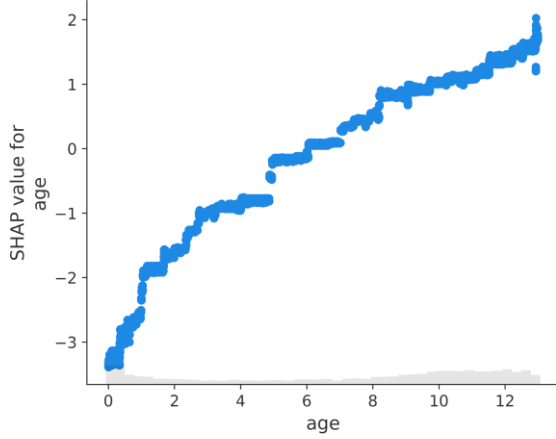
(C)



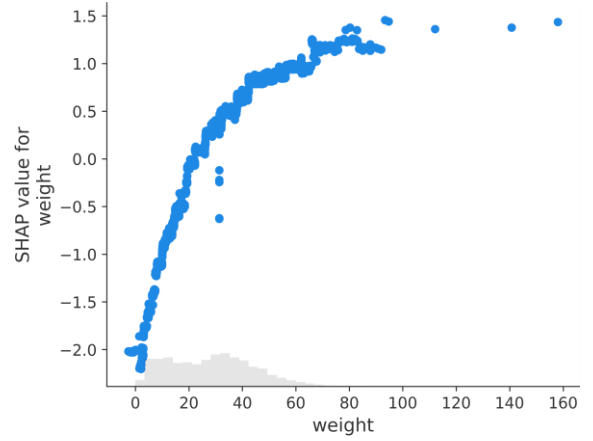
(D)



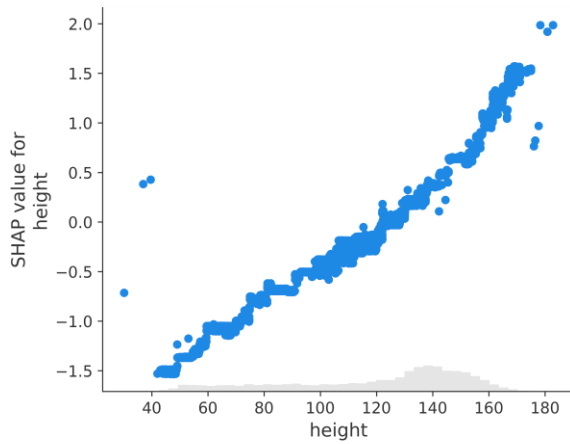
(E)



(F)



(G)



Supplementary Fig. 3. Shapley additive explanation dependence plot for each input variable in the gradient boosted regression tree (GBRT) model for predicting the depth of uncuffed ETTs: (A) age, (B) sex, (C) weight, and (D) height. Shapley additive explanation dependence plot for each input variable in the GBRT model for predicting the depth of cuffed ETTs: (E) age, (F) weight, and (G) height. Effect of a feature on the model's output and the distribution of the feature's value is visualized as a scatter plot in the Shapley dependence plot. The horizontal axis represents the value of each feature, and the vertical axis represents the Shapley values of a feature. The light grey area at the base of the plot represents a histogram displaying the distribution of data values.